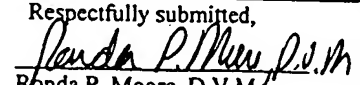


UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	NRO-001CP1CN (6013/2)
		First Named Inventor	Gozani et al.
		Title	METHODS FOR THE ASSESSMENT OF NEUROMUSCULAR FUNCTION BY F-WAVE LATENCY

APPLICATION ELEMENTS		ADDRESS TO: Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form		ACCOMPANYING APPLICATION PARTS 7. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 8. <input type="checkbox"/> English Translation Document (if applicable)	
2. <input checked="" type="checkbox"/> Specification and Drawings [Total Pages 67] - Specification - (43 pages) - Claims - (11 pages) - Abstract - (1 page) - Sheets of Drawings - (12 sheets) <input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal			
3. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3] a. <input type="checkbox"/> Newly executed (original) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 4 below]		9. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 10. <input checked="" type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Drawings [Total Sheets] <input type="checkbox"/> Letter to Official Draftsperson Including Drawings [Total Pages]	
4. <input checked="" type="checkbox"/> Incorporation by Reference (usable if Box 3b is checked) The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		11. <input checked="" type="checkbox"/> Return Receipt Postcard	
5. <input type="checkbox"/> Microfiche Computer Program (Appendix)		12. <input checked="" type="checkbox"/> Small Entity Statement(s) <input checked="" type="checkbox"/> Statements filed in prior application, (Status still proper and desired)	
6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Paper Copy (identical to computer copy) <input type="checkbox"/> Statement verifying identify of above copies		13. <input type="checkbox"/> Certified Copy of Priority Document(s)	
17. <input checked="" type="checkbox"/> If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application Serial No. 09/270,550, filed March 16, 1999, which is a CIP of Serial No. 09/022,990, filed February 12, 1998, now U.S. Patent No. 5,976,094, which is a divisional of Serial No. 08/886,861, filed July 1, 1997, now U.S. Patent No. 5,851,191. Priority to the above application(s) is claimed under 35 U.S.C. 120. Prior application information: Examiner: Kamm, W. Group/Art Unit: 3737.		14. <input type="checkbox"/> Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application.	
18. <input type="checkbox"/> Priority - 35 U.S.C. 119 <input type="checkbox"/> Priority of application Serial No. _____ filed on _____ in _____ is claimed under 35 U.S.C. 119. <input type="checkbox"/> The certified copy has been filed in prior U.S. application Serial No. _____/_____ on _____. <input type="checkbox"/> The certified copy will follow.		15. <input checked="" type="checkbox"/> Patent Application Data Entry Form 16. <input type="checkbox"/> Other:	
CORRESPONDENCE ADDRESS		SIGNATURE BLOCK	
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100		Date: July 26, 2000 Reg. No. 44,244 Tel. No.: (617) 248-7044 Fax No.: (617) 248-7100 Respectfully submitted,  Ronda P. Moore, D.V.M. Attorney for Applicants Testa, Hurwitz & Thibault, LLP High Street Tower 125 High Street Boston, MA 02110	

Rmoore6013/2.1038814-1

COPY

FEE TRANSMITTAL

Note: Effective January 10, 2000.
Patent fees are subject to annual revision

Complete if Known

Application Serial Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Gozani et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	NRO-001CPCN (6013/2)

METHOD OF PAYMENT

1. ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below to Deposit Account No. 20-0531.
☐ Required Fees (copy of this sheet enclosed).
☒ Additional fee required under 37 CFR 1.16 and 1.17.
☒ Overpayment Credit.

FEE CALCULATION**1. FILING FEE**

Large Entity Fee (\$)	Fee Description	Fee Paid
690	Utility filing fee	690.00
310	Design filing fee	
150	Provisional filing fee	

	*Number Filed	Number Extra	Rate	Amount
Total Claims	20	- 20 = 0	x \$ 18.00 =	0
Independent Claims	1	- 3 = 0	x \$ 78.00 =	0

* Based on the preliminary amendment filed herewith.
☐ Multiple Dependent Claim(s), if any \$260.00 =

TOTAL: 690.00
 SMALL ENTITY DISCOUNT: 345.00
 SUBTOTAL (1) (\$) 345.00

2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	-	=	x \$ 18.00 =	
Indep.	-	=	x \$ 78.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim + \$260.00 =				

TOTAL: (\$) 0
 SMALL ENTITY DISCOUNT: (\$) 0
 SUBTOTAL (2) (\$) 0

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or	
130	130	Non-English specification	
2,520	2,520	For filing a request for reexamination	
110	55	Extension for reply within first month	
380	190	Extension for reply within second month	
870	435	Extension for reply within third month	
1,360	680	Extension for reply within fourth month	
1,850	925	Extension for reply within fifth month	
300	150	Notice of Appeal	
300	150	Filing a brief in support of an appeal	
260	130	Request for oral hearing	
130	130	Petitions to the Commissioner	
50	50	Petitions related to provisional applications	
240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))	
130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))	
690	345	Filing a submission after final rejection (37 CFR 1.129(a))	
690	345	For each additional invention to be examined (37 CFR 1.129(b))	
		Other (Specify)	

SUBTOTAL (3) (\$) 0

SUBTOTAL (1) 345.00

SUBTOTAL (2) 0

SUBTOTAL (3) 0

TOTAL (\$) 345.00

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator
 Testa, Hurwitz & Thibault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110
 Tel. No.: (617) 248-7000
 Fax No.: (617) 248-7100

SIGNATURE BLOCK

Date: July 26, 2000
 Reg. No.: 44,244
 Tel. No.: (617) 248-7044
 Fax No.: (617) 248-7100

Respectfully submitted,
Ronda P. Moore, D.V.M.
 Ronda P. Moore, D.V.M.
 Attorney for the Applicants
 Testa, Hurwitz & Thibault, LLP
 High Street Tower-125 High Street
 Boston, MA 02110

Assistant Commissioner for Patents
Washington, D.C. 20231

Case Docket No.: NEURO-NRO-001 CP1CN2

Sir:

Transmitted herewith for filing is the patent application of:

Inventor: Shai N. Gozani et al.

For: METHODS FOR THE ASSESSMENT OF NEUROMUSCULAR
FUNCTION BY F-WAVE LATENCY

Enclosed are:

- ☒ 12 sheets of drawings.
- ☐ An assignment of the invention to: _____
- ☐ A verified statement to establish small entity status.
- ☐ REQUEST FOR FILING RULE 1.53(B) CONTINUATION APPLICATION.

The filing fee has been calculated as shown below:

For:	No. Filed	No. Extra	Small Entity		Large Entity	
			Rate	Fee	Rate	Fee
Basic Fee				\$370.00		\$740.00
Total Claims	54 - 20	34	x \$ 9.00	\$306.00	x \$18.00	
Ind. Claims	2 - 3	0	x \$42.00	0	x \$ 84.00	
Mult. Claims			+ \$140.00		+ \$280.00	
Total \$676.00						

☐ Please charge my Deposit Account No. 16-0221 to cover the filing fee and assignment recording fee. A duplicate copy of this sheet is enclosed.

☒ A check in the amount of \$676.00 to cover the filing fee (and assignment recording fee) is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0221. A duplicate copy of this sheet is enclosed.

- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 16-0221. A duplicate copy of this sheet is enclosed.

- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

Mark J. Pandiscio 4/30/02
Mark J. Pandiscio
Pandiscio & Pandiscio
470 Totten Pond Road
Waltham, Massachusetts 02154
Tel. (781) 290-0060

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE REQUESTED FILING OF RULE 1.53(B)
CONTINUATION PATENT APPLICATION BASED ON
THE FOLLOWING PENDING PRIOR PATENT APPLICATION:

In re Application of: Shai N. Gozani et al.
Serial No.: 09/625,502
Filing Date: 07/26/2000
Title: METHODS FOR THE ASSESSMENT OF
NEUROMUSCULAR FUNCTION BY
F-WAVE LATENCY
Group Art Unit: 3762
Examiner: William E. Kamm
Attorney's Docket No.: NEURO-NRO-001 CP1CN

COPY

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

FILING OF PATENT APPLICATION UNDER 37 CFR 1.10

The attached Rule 1.53(B) continuation application is being
filed under the provisions of 37 CFR 1.10.

Respectfully submitted,

Mark J. Pandiscio 4/30/02

Mark J. Pandiscio
Registration No. 30,883
Pandiscio & Pandiscio
470 Totten Pond Road
Waltham, MA 02154
Tel. (781) 290-0060

"Express Mail Mailing Label Number ET916544375US
Date of Deposit APRIL 30, 2002

I hereby certify that this paper or fee is being deposited with
the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above
and is addressed to Assistant Commissioner for Patents,
Washington, D.C. 20231.

Mark J. Pandiscio 4/30/02

Mark J. Pandiscio

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE REQUESTED FILING OF RULE 1.53(B)
CONTINUATION PATENT APPLICATION BASED ON
THE FOLLOWING PENDING PRIOR PATENT APPLICATION:

In re Application of: Shai N. Gozani et al.
Serial No.: 09/625,502
Filing Date: 07/26/2000
Title: METHODS FOR THE ASSESSMENT OF
NEUROMUSCULAR FUNCTION BY
F-WAVE LATENCY
Group Art Unit: 3762
Examiner: William E. Kamm
Attorney's Docket No.: NEURO-NRO-001 CP1CN

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

REQUEST FOR FILING RULE 1.53(B) CONTINUATION APPLICATION

This is a request for filing a continuation application, in accordance with Rule 1.53(B), of pending prior application Serial No. 09/625,502, filed 07/26/2000 by Shai N. Gozani et al. for METHODS FOR THE ASSESSMENT OF NEUROMUSCULAR FUNCTION BY F-WAVE LATENCY, which patent application is in turn a continuation of U.S. Patent Application Serial No. 09/270,550, filed 03/16/99, which patent application is in turn a continuation-in-part of U.S. Patent Application Serial No. 09/022,990, filed 02/12/98, which patent application is in turn a division of U.S. Patent Application Serial No. 08/886,861, filed on 07/01/97.

Submitted with this request are the following:

EXPRESS MAIL MAILING LABEL NUMBER ET916544375US

DATE OF DEPOSIT APRIL 30, 2002

I HEREBY CERTIFY THAT THIS PAPER OFFERING IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE FIRST CLASS MAIL POST OFFICE TO ADDRESS CERTIFICATE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

MARK J. PANDISIO

(PERSON MAILING)

Mamm/and/mini 4/30/02
(SIGNATURE)

NEURO-NRO-001 CP1CN2

1. A true copy of said prior application Serial No. 09/625,502 (including specification, claims, drawings, a signed Declaration and Power of Attorney, a Verified Statement Claiming Small Entity Status, a Preliminary Amendment, and an Information Disclosure Statement as originally filed;
2. An AFFIDAVIT by an attorney of record verifying that the enclosed copy of said pending prior application Serial No. 09/625,502 is a true copy thereof; and
3. A PRELIMINARY AMENDMENT which amends the application to show that it is a continuation of parent application Serial No. 09/625,502; and
4. A mailing certificate indicating that this submittal is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on April 30, 2002 as provided for under 37 CFR 1.10.

The Power of Attorney in the prior application is to Pandiscio & Pandiscio, a firm composed of Nicholas A. Pandiscio, Registration No. 17293, Mark J. Pandiscio, Registration No. 30883, Scott R. Foster, Registration No. 20570, and James A. Sheridan, Registration No. 43114, or any of them, all of 470 Totten Pond Road, Waltham, MA 02154-1914 (Telephone No. 781-290-0060).

The inventors named in this continuation application are the same inventors named in the prior application Serial No. 09/625,502.

The Commissioner is also authorized to prepare a certified copy of said prior copending application if the same is deemed to be necessary and to charge the cost of same to Deposit Account No. 16-0221.

A duplicate copy of this letter is enclosed for filing in said prior copending application.

All communications in this matter should be addressed to:

Mark J. Pandiscio
Pandiscio & Pandiscio
470 Totten Pond Road
Waltham, Massachusetts 02154.

Thank you.

Respectfully submitted,

Mark J. Pandiscio 4/30/02

Mark J. Pandiscio
Registration No. 30,883
Pandiscio & Pandiscio
470 Totten Pond Road
Waltham, MA 02451-1914
Tel (781) 290-0060
Fax (781) 290-4840

KT/NEURONRO001CP1CN2.REQ

NEURO-NRO-001 CP1CN2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE REQUESTED FILING OF RULE 1.53(B)
CONTINUATION PATENT APPLICATION BASED ON
THE FOLLOWING PENDING PRIOR PATENT APPLICATION:

In re Application of: Shai N. Gozani et al.
Serial No.: 09/625,502
Filing Date: 07/26/2000
Title: METHODS FOR THE ASSESSMENT OF
NEUROMUSCULAR FUNCTION BY
F-WAVE LATENCY
Group Art Unit: 3762
Examiner: William E. Kamm
Attorney's Docket No.: NEURO-NRO-001 CP1CN

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the application as follows:

IN THE SPECIFICATION:

At page 1, line 1, please replace the current reference to related applications with the following new reference:

-- Reference To Pending Prior Patent Application

This is a continuation of pending prior U.S. Patent Application Serial No. 09/625,502, filed 07/26/2000 by Shai N. Gozani et al. for METHODS FOR THE ASSESSMENT OF NEUROMUSCULAR FUNCTION BY F-WAVE LATENCY, which patent application is in turn a continuation of U.S. Patent Application Serial No. 09/270,550, filed 03/16/99, which patent application is in turn a continuation-in-part of U.S. Patent Application Serial No. 09/022,990, filed 02/12/98, which patent application is in turn a division of U.S. Patent Application Serial No. 08/886,861, filed on 07/01/97. --

NEURO-NRO-001 CP1CN2

Remarks

As noted in the accompanying REQUEST FOR FILING RULE 1.53(B) CONTINUATION APPLICATION, this is a continuation of pending prior application Serial No. 09/625,502, filed 07/26/2000 by Shai N. Gozani et al. for METHODS FOR THE ASSESSMENT OF NEUROMUSCULAR FUNCTION BY F-WAVE LATENCY, which patent application is in turn a continuation of U.S. Patent Application Serial No. 09/270,550, filed 03/16/99, which patent application is in turn a continuation-in-part of U.S. Patent Application Serial No. 09/022,990, filed 02/12/98, which patent application is in turn a division of U.S. Patent Application Serial No. 08/886,861, filed on 07/01/97.

The above amendment is intended to make this fact of record in the specification of this continuation application.

Respectfully submitted,

Mark J. Pandiscio 4/30/02

Mark J. Pandiscio
Registration No. 30,883
Pandiscio & Pandiscio
470 Totten Pond Road
Waltham, MA 02451-1914
Tel. No. (781) 290-0060

KT/NEURONRO001CP1CN2.AMD

NEURO-NRO-001 CP1CN2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Gozani et al.
SERIAL NO.: Not yet assigned GROUP NO.: Not yet assigned
FILING DATE: Herewith EXAMINER: Not yet assigned
TITLE: METHODS FOR THE ASSESSMENT OF NEUROMUSCULAR
FUNCTION BY F-WAVE LATENCY

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

This application is a continuation of co-pending application U.S.S.N. 09/270,550,
filed March 16, 1999.

AMENDMENTS

Prior to examination, please amend the specification and claims as follows:

In the Specification:

On page 1 of the specification, line 1, after "The present application is," please
insert --a continuation of U.S.S.N. 09/270,550, filed March 16, 1999, which is--.

In the Claims:

Please cancel claims 1-54 and add the following new claims 55-74 before
calculating the application filing fee.

--55. A method of assessing a physiological function of a peripheral nervous system at a body site of
an individual, comprising the steps of:

- (a) applying a stimulus proximal to the body site of the individual, whereby application of said stimulus stimulates a nerve that traverses said body site and thereby generates an impulse that is conducted by said nerve;
 - (b) detecting a myoelectric potential proximal to said body site of said individual, whereby said myoelectric potential is generated by a muscle in said body site of said individual in response to said impulse, said muscle being in communication with said nerve and said impulse being conducted to said muscle after propagation of said impulse through a spinal cord of said individual;
 - (c) processing said stimulus and said myoelectric potential; and
 - (d) correlating said processing results to a physiological function of a peripheral nervous system of said individual.
56. The method of claim 55, further comprising the step of removing a trend from a baseline of said myoelectric potential.
57. The method of claim 56, wherein said removing step comprises the steps of:
- (a) determining a straight line fit of said myoelectric potential; and
 - (b) subtracting said straight line from said myoelectric potential.
58. The method of claim 56, wherein said removing step comprises the steps of:
- (a) detecting a plurality of myoelectric potentials;
 - (b) averaging said plurality of myoelectric potentials; and
 - (c) subtracting said average from each of said plurality of myoelectric potentials.
59. The method of claim 58, further comprising the steps of:
- (a) determining a first derivative for each of said myoelectric potentials, thereby to obtain a plurality of first derivatives;
 - (b) determining a mean of said plurality of first derivatives;
 - (c) determining a statistical distribution of said plurality of first derivatives; and
 - (d) removing from said plurality of myoelectric potentials that are averaged in step (b) of claim 4 any segment of a myoelectric potential of said plurality of myoelectric potentials

that has a first derivative removed by a predetermined factor from said mean of said derivatives.

60. The method of claim 55, further comprising the step of filtering said myoelectric potential.
61. The method of claim 60, wherein said filtering step comprises digitally filtering said myoelectric potential.
62. The method of claim 55, wherein said physiological function comprises a F-wave latency between application of said stimulus and detection of said myoelectric potential and wherein said processing step further comprises the step of determining said F-wave latency and said correlating step further comprises the step of producing an indicia of said F-wave latency.
63. The method of claim 62, wherein said step of determining a F-wave latency comprises the steps of:
 - (a) detecting an F-wave response signal in said myoelectric potential;
 - (b) determining a maximum peak of said F-wave response signal;
 - (c) identifying a first minimum peak and a second minimum peak of said F-wave response signal, both of said first and second minimum peaks being adjacent said maximum peak of said F-wave response signal;
 - (e) determining an amplitude of said maximum peak of said F-wave response signal to one of said first and second minimum peaks of said F-wave response signal;
 - (f) determining a noise dependent threshold;
 - (g) comparing said amplitude to said noise dependent threshold; and
 - (h) determining a F-wave latency when said amplitude is greater than or equal to said noise dependent threshold.
64. The method of claim 63, wherein said step of determining a maximum peak of said F-wave response signal comprises determining a portion of said myoelectric potential for which a first derivative of said myoelectric potential is equal to zero.
65. The method of claim 63, wherein said step of identifying first and second minimum peaks of said F-wave response signal comprises determining a portion of said myoelectric potential for which a first derivative of said myoelectric potential is equal to zero.

66. The method of claim 63, wherein said step of determining a noise dependent threshold comprises the steps of:
 - (a) determining a level of noise after detecting said myoelectric potential; and
 - (b) multiplying said level of noise by a predetermined factor.
67. The method of claim 63, wherein said step of determining a noise dependent threshold, comprises the steps of:
 - (a) determining a level of noise before detecting said myoelectric potential; and
 - (b) multiplying said level of noise by a predetermined factor.
68. The method of claim 63, wherein said step of determining a F-wave latency comprises the step of identifying an inflection of said myoelectric potential, said inflection preceding said maximum peak of said F-wave response signal.
69. The method of claim 68, wherein said inflection comprises a point on said myoelectric potential having a first derivative less than or equal to zero.
70. The method of claim 68, wherein said inflection comprises a minimum peak of a first derivative of said myoelectric potential.
71. The method of claim 63, further comprising the step of processing atypical waveform shapes in said F-wave response signal.
72. The method of claim 71, wherein said step of processing atypical waveform shapes comprises the steps of:
 - (a) determining a location of a minimum peak of said F-wave response signal;
 - (b) inverting said F-wave response signal; and
 - (c) assigning a maximum peak of said inverted F-wave response signal to said location of said minimum peak of said F-wave response signal.
73. The method of claim 63, further comprising the step of confirming said F-wave latency.
74. The method of claim 73, wherein said step of confirming said F-wave latency comprises the steps of:

- (a) determining a first derivative of said myoelectric potential at a plurality of points within a first time period preceding said F-wave latency, thereby obtaining a plurality of first derivatives within said first time period;
- (b) averaging said plurality of first derivatives within said first time period; and
- (c) comparing said average with a maximum peak and a minimum peak of said F-wave response signal in a second time period following said F-wave latency.--

REMARKS

Claims 1-54 have been canceled and new claims 55-74 have been added prior to calculating the filing fee for this 37 C.F.R. §1.53(b) continuation application. Upon entry of this paper, claims 55-74 are pending in this application.


CONCLUSION

Applicants respectfully request that the amendments to the specification and claims be entered prior to examination of the application.

Respectfully submitted,

Date: July 26, 2000
Reg. No. 44,244

Tel. No.: (617) 248-7044
Fax No.: (617) 248-7100


Ronda P. Moore, D.V.M.
Attorney for Applicants
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE REQUESTED FILING OF RULE 1.53(B)
CONTINUATION PATENT APPLICATION BASED ON
THE FOLLOWING PENDING PRIOR PATENT APPLICATION:

In re Application of: Shai N. Gozani et al.
Serial No.: 09/625,502
Filing Date: 07/26/2000
Title: METHODS FOR THE ASSESSMENT OF
NEUROMUSCULAR FUNCTION BY
F-WAVE LATENCY
Group Art Unit: 3762
Examiner: William E. Kamm
Attorney's Docket No.: NEURO-NRO-001 CP1CN

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

AFFIDAVIT VERIFYING APPLICATION

Commonwealth of Massachusetts
County of Middlesex

I, Mark J. Pandiscio, being duly registered to practice before the U.S. Patent and Trademark Office, and being duly sworn, depose and state that: I am attorney of record in the above-identified pending prior application Serial No. 09/625,502 filed 07/26/2000, and that the enclosed application is a true copy of the above-identified prior application Serial No. 09/625,502 as filed, and that no amendments referred to in the oath or declaration filed to complete the prior patent application Serial No. 09/625,502 introduced new matter therein.

Mark J. Pandiscio 4/30/02
Mark J. Pandiscio
Registration No. 30,883

Sworn to before me this 30th day of APRIL, 2002

Michael G. Pandiscio
Notary Public
My commission expires: 7/15/05